

DETAILED ACTION

Drawings

1. The drawings were received on 6 March 2008. These drawings are accepted.

Allowable Subject Matter

2. Claims 15-17 and 19-28 are allowed.
3. The following is an examiner's statement of reasons for allowance: As pointed out in Applicants remarks filed 21 September 2007, the claims have limitations for a long rod with one end towards the process and one end away from the process, a first short rod connected to the end of the long rod turned toward the process and a second short rod connected to the end of the long rod turned away from the process. These rods are oscillatory members. Neither Ellinger nor Tilley teach these limitations. Specifically, Tilley, which was relied upon in the initial Office Action for these limitations, discloses legs that are filled with mercury. The legs are not mechanically oscillatable, and the height of the mercury in the legs controls a radio frequency oscillator.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MANUEL L. BARBEE whose telephone number is (571)272-2212. The examiner can normally be reached on Monday-Friday from 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eliseo Ramos-Feliciano can be reached on 571-272-7925. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Manuel L. Barbee/
Primary Examiner, Art Unit 2857

mlb
June 11, 2008